

# The Daily Universe

Call in news tips to 378-3630; other calls 378-2957

Friday, February 15, 1980

El Salvador bank



ents study at the former Brigham Young High School. The school, which served as a forum for teacher training nearly 100 years, closed 12

# .Y. High history revealed "Students were given a certain amount of required work to do in a year's time," Williams said "If a student desired to progress further than the goal his teacher set up for him, he could go on to finish other courses of study using the individual carrels," "For me, B.Y. High was academically advantageous and I don't think I would have done as well in a regular high school," said former B.Y. H. Brausse we could progress at our own rate I completed two years of high school in one at B.Y.H. before it was discontinued and I transferred to Orem High." There were many graduating juniors

ussistant News Editor

Im Young High School, the

of an 1869 private school, serforum for teacher training as

a student laboratory experi
til it quietly passed away 12

original concept of B.Y. High of a laboratory school to train teachers," said Dr. Lowell on, principal of the school closed in 1968. "We were able intee the students that they at an education as good or betthey would at any area high

High had its beginnings with Academy which was a former school purchased by Brigham and founded on October 16,

rst major change in curriculum the early part of this century otball was banned from the

ball was banned from B.Y. y as well as the high school for mately 20 years," said Hollis director of archives at the B. Lee Library. "There had merous injuries throughout the 'States and one fatality at Utah university. These inci-could have prompted the is decision."

could have prompted the decision." ootball ban came on October with the strong support of the of Trustees led by President F. Smith, Scott said. Football, was again reintroduced into liletic curriculum in 1919, ng the high school to play in reaments.

By JERRY PAINTER Assistant News Editor

changed to Brigham Young University.

Although the separation was distinguished, B.Y. High maintained the unique role of an established private school under the auspices of a governing university for 73 years.

"Originally the high school was to train student teachers from the rate of the real training university of the real training university of the real training university for 73 years.

"Originally the high school was to train student teachers from the fact that the school," as it was called, was the first teaching experience any of the university's student teachers had prior to their graduation.

"These majoring in education at the school first for training; then they would do student teaching in the public schools," he said.

According to recorded school history, many years passed before the college enrollment exceeded that of the high school. In 1910 there were over 800 high school students compared to approximately 200 university students.

The high school activities frequently overshadowed those of the college. The high school class of 1907 started a chain of events which led to the placing of the block "Y" on the hill in 1905. The high school class of 1909 published the first yearbook which was later called the "Banyan."

"Although B.Y. High was a private high school, the role of the organization was not to be regarded as a reform school," Thompson said. "We didn't want people to feel that it was a charitable school. Rather, students had to pay tuition and thereby they felt that they were paying for their education."

B.Y. High School entrance fees in 1926 were \$15 for either of the six-week

terms or \$22.50 for both terms. By 1954 high school students were required to pay \$30 tuition per year which included activity fees but not books or supplies.

The last years that the high school operatus \$50 per year. Thompson said, It was the philosophy of Brigham Young that boys should learn to do something with their hands as well as their minds. To facilitate such a belief, the first blacksmithing class was approved and got underway in January, 1905 when citizens from the city of Provo donated 10 forges.

Furthering this philosophy, two courses were added to the curriculum as recorded in the annual catalog of 1908. The purpose of the two classes was "to supply the growing demand for higher and better preparation for life." They included an English course and a scientific course.

Although in 1954 B.Y. High Principal Rowan C. Stutz said the school was "maintained for training prospective secondary education teachers, and new emphasis was placed on automation in education in the late 1958 with the continued of the continu

The "experimental laboratories" instigated in the early 1960s initiated a class curriculum to meet the needs arising from emphasis on individual learning. Two of the most famous of these experiments were the Carrel System and Daily Demand Computer Scheduling (D.D.C.S.).

boycott

last that this type of boycott will hap-pen by the Carter administration. He wants something in the books to pre-vent further similar types of action from any president or administration," Burnett said. States named in the DOE boycott were Alabama, Artzona, Arkansas, Florida, Georgia, Illinois, Louisiana,

See DOE page 2

#### Daily Universe will not publish issue on Monday

The Daily Universe will not be published Monday, Feb. 18, because of the Presidents' Day holiday. Normal publication will resume Tuesday, Feb. 19, however.

however.

The Universe staff wishes you a pleasant three-day weekend. See you Tuesday.

# SAN SALVADOR, El Salvador (AP) — Leftists occupied the Agricultural Development Bank in downtown San Salvador late Thursday, and local radio stations reported they were a continuing drive to oust El Salvador's four-month-old junta. The leftists identified themselves as members of the Popular Revolutionary Bloc, the nation's largest activist organization. They hung banners from the windows, demanding better loan The bank takeover was peaceful. It was not known if the leftists were armed or how many there were. There also was no official confirmation of the number of hostages inside. Members of the Bloc also held the city offices of the Water and seven administration for the second day, areas. Meanwhile, leftists of a second margan.

Leftists

areas. Meanwhile, leftists of a second major organization, the Popular Leagues of Feb. 28, ended a two-day occupation of the Panamanian Embassy peacefully, freeing Ambassador David Peret Ramos and two other hostages unharmed.

They also released two more hostages unharmed from the Spanish Embassy, which they occupied 10 days ago and are continuing to hold.

Other leftists occupied the offices of an electric company in Abuachapan, 50 miles west of the capital, on Thursday

invade

and four attackers were slain.

About 25 LP-28 members, apparently unarmed, left the Panamanian Embassy at midday and boarded a bus for the University of El Salvador after the ambassador agreed to relay their demands to the Salvadoran government.

Salvadoran government.

Dassy.

# 2 Ogden men sight Bigfoot

SOUTH WEBER, Utah (AP) — Two Ogden, Utah, men have turned over to state officials hair samples they say came from two creatures that looked like the legendary Bigfoot.

Michael Sanders and Steve Ukena said they tracked the creatures to where they had crossed a barbed wire fence. They found three strands of black hair at the crossing point, Sanders said.

Two South Weber residents reported separate sitings one and one-half weeks ago of a Bigfoot-like creature.

One of them, Ron Smith, said he saw by monlight what appeared at first to be a husky hije school student wearing a big coat. Smith said the figure disap-peared into a wooded area behind his home. Shortly afterward, Smith said, he heard seven loud inhuman screams — like a coyote but louder.

Sanders said he and Ukena followed big gorilla-like tracks to the barbed wire fence. From the tracks, he speculates that a large creature became separated from a smaller com-

panion and "that's why they stayed in the area so long."

Sanders said the tracks show the pair found each other and headed toward the mountains south of Weber Canyon, "but we lost their tracks on the side of a hill where the sun had melted the snow."

Ray said his wife had placed a pan of burned stew on their back porch to cool. During the night — which was more than a week ago — he said some animal hauled the pan to a garden 100 yards from the house where it licked it

"I didn't think much about it" until Sanders and Ukena came to his home Wednesday, Ray said. "We went out to the garden and looked at the tracks around where the pan had been found. It was then I noticed they looked like large bear tracks with pads on the foot," he said.

# Afghan army suppression bolstered by Soviet MiGs

KABUL, Afghanistan (AP)
Soviet tanks and at least one MiG-23
fighter bomber battled what was
believed to be a rebellious Afghan
army unit this week near Kabul, witarmy unit this week near Kabul, witbelieved the MiG dropped napalm
bombs and that an undetermined
number of persons were injured.

High." There were many graduating juniors from BY. High who were able to go on to college at the age of 16, Miss Cunningham said.
"Many students could take some college classes and we would hold the credit until after they graduated from high school later to be applied to that college transerips, "Thompson said.

number of persons were injured.

In the northeast, a Soviet armored column suffered severe casualties when by anticommunist Afghan rebels, reliable diplomatic reports said. The Soviets, who have been in Afghanistan since late December and presently have an estimated 90,000 troops there, were trying to relieve a rebell-such and the said of the said.

There was no official comment on either report.

There was no circular comment on either report.

Meanwhile, the status of Soviet-backed President Babrak Karmal, who has not been seen in public for more than a week, remained obscure.

Witnesses in Afghanistan said the contect Sought a sharp hour Jong battle miles north of Kabul.

Western diplomats in the vicinity saw Soviet infantry and tanks going into action against an army barracks in the village of the Soviet-trained Afghan army.

The MIG was seen dropping a cluster of snaul bombs, followed by a cluster of snaul bombs, and the content of the content of the witnesses said they believed the bombs were incendiary devices made of napalm, chemicals ad-

ded to gasoline or oil to form a jellylike substance used in bombs.

Ambulances were seen removing an unknown number of casualities, some to the military hospital in Kabul. Afghan police prevented the diplomats approaching close enough to the barracks to get a clear view. All resistance apparently was crushed within an hour.

the northeastern province of Badakshan while approaching the rebel-surrounded Afghan army gar-rison in the provincial capital, Fayzabad.

The reports said the Soviets suffered severe casualties when they were attacked after crossing the Pamir River marking the border near the town of Harog in Soviet Turkmenistan.

Fayzabad, in the foothills of the Hindu Kush mountains 200 miles northeast of Kabul, is under control of loyal Afghan troops, the sources said, but the town itself is completely surrounded and cut off by rebel forces.

#### Missile hearing slated

Sen. Dan Marriott and Sen. Gunn McKay will hold a public hearing concerning the proposed MX. missile The hearing will be held in the Salt Palace Little Theater at 9 a.m. Marriott said the hearings will be a continuation of the three days of hearings just completed in Washington.

Marriott said, "The hearing will serve as a forum for serviour Cheact the higgest obstacles we have is access to information concerning the impact of the system.

"I think we all agree that we need to beef up our defense system, but the question remains as to whether it should happen in all the properties of the system.

a second hearing to be held today at 2 p.m., also in the Salt Palace, on Utah's vast oil shale deposits. Marriott adde, "The two issues are closely intermixed because of their vast potential impact on the states economy.

"With our oil shale and other synthetic fuels potential, along with the possibility of the MX system, we must consider carefully how we are going to plan for the rapid growth that will come," noted Marriott.

McKay said, "Utah's oil shale and tar sands along with our abundant supplies of coal, will play a major role in the nation's energy future."

The public is encouraged to attend both hearings and make public their

By JERRY PAINTER
Assistant News Editor
by took five words from Presitret to change the minds of the
ment of Energy secretaries on
liety of boycotting states who
ratified the Equal Rights
ment from 'big DOE events.'
is nationally televised news conWednesday night, Carter was
y a reporter if it was 'the policy
administration to boycott
artified ERA."
re cut the reporter short and
"No, that's not my policy,"
more was said.
e end of last month a memo was
if from DOE Secretary Charles
scan's office asking department
strators to "avoid scheduling
E events in states that have not
fleet the Equal Rights Amendhen possible." ond DOE memo initialed by Department spokesman Carl said a boycott of non-ERA "reflects the administration's

arter halts DOE

policy." He said the policy was established in an effort to help push for ratification of ERA.

Gustin said Thursday, "In light of the president's remarks last night," the boycott policy was reversed. The reversal was made by senior energy administrators and not by the White House, he said.

Utah Gov. Scott Matheson sent a fiery ment of Duncan earlier this week calling for a reversal of the boycott.

"I'm pleased and very heartened to hear of the reversal," Mathseon said Thursday. The governor said he didn't feel his memo brought about the change, but said it was the "combined efforts of all the states involved" that brought about the reversal.

brought about the reversal.

Utah Senators Jake Garn and Orrin
Hatch said earlier this week that they
would file a federal law suit in U.S.
District Court to challenge the constitutionality of the boycott. Curt Burnett, Garn's press secretary, said the
senator still intends to file the suit.

"Senator Garn feels this is not the
first time and doesn't feel it will be the

#### News Spotlight

Compiled from The Associated Press

Lobo coach indicted in federal court

ALBUQUERQUE, N.M. — A federal grand jury indicted former New Mexico baskethall Coach Norm Ellenberger Thursday on mail fraud and racketeering charges in connection with the preparation of junior college transcripts for Lobo athletes.

preparation to Junior tonege transcripts to Loos at thetes.

U.S. Attorney R.E. Thompson said the indict-ment charged Ellenberger and John Whisenant, a former assistant basketball coach at UNM, with taking part in a scheme to defraud the school's dean of admissions, the Western Athletic Con-ference and the NCAA.

Ellenberger was indicted on five counts of mail fraud, on count of interstate travel in aid of racketeering enterprises and one count of wife fraud.

Whisenant was indicted on four counts of mail fraud.

#### FBI cracks down on pornography



two weeks.

FBI Director William Webster said those indicted in the pornography case included some of the biggest producers and distributors of hard-core pornography in the \$4 billion-a-year industry.

#### Cronkite steps down to Rather

NEW YORK — Dan Rather, the "60 Minutes" correspondent who gained national attention by is questioning of Richard Nixon during the Watergate scandal, will succeed Walter Cronkive early next year as anchorman of the "CBS Evening News," the network announced Thursday. CBS News President Bill Leonard said Rather, 48, would take over for Cronkite, television's best-

known journalist, as anchorman and managing editor of the "Evening News."

He said Rather had signed a long-term contract for the job on the top-rated nightly news show. There had been speculation that Rather would sign with another network and one report said he sign with another network and one report said he seem of the property of the same of the s

#### Turkey terrorized by leftists

ANKARA, Turkey — Mounting leftist agitation engulfed Turkey on Thursday, bringing life to a virtual standstill in Istanbul and the Aegean coastal city of Izmir. At least two new deaths were reported.

oastal city of IZMIT. At IEEEs via Deported.

Most shops and businesses in Istanbul, the naion's largest city, closed following bomb threats
rom leftist militants. One terrorist trying to inmiddate shopowners was killed in a shootout with
olice, authorities said.

In Izmir, hundreds of Turkish army and militia
roops, backed by tanks, stormed the Taris spinng mill and flushed out the leftist workers ocupying the state-owned factory. One policeman
as alightly injured in the clash, said Izmir Goveror Nazmi Cengelci.

The confrontation between the workers and

was slightly injured in the clash, said Izmir Governor Nami Cengelci.

The confrontation between the workers and security forces, with sporadic armed clashes, had continued at the Taris complex for a week. The militants were protesting the dismissal of several hundred workers by the new minority government of Premier Suleyman Demiral.

The attack on the mill triggered a two-day general strike in Izmir by the radical leftist trade union. Workers walked off their jobs at hospitals, hanks, an oil refinery, and cement and textile factories. Virtually all municipal services were in the remote eastern province of Tunceli, demonstrators protesting recent price increases by the government clashed with police, authorities said.

## New athletics V.P. ratifie

By ANDY HOPSON Universe Staff Writer

The Executive Council ratified ASPU President Dave Litater's apstream of the Council ratified ASPU President Dave Litater's apstream of the Council ratified Aspuncian of Mark D. Dean, a senior in public relations from Anchorage, Alaska, was ratified as the new athletics vice president. "We're pleased with the ratification of Mark's appointment," said uninistrative assistant since last May and I'm confident he will do an excellent job."

In addition to being the administrative assistant to the athletic tice president, Dean has served as chairman of Run for Your Life, the V. developed the Council of the

been in charge of has been an overwhelming success."

Dean said he does it plan on making any changes now he is in office, and the said has been and the said has been considered by the said. "I think Wade has done an excellent job and I don't plan on changing anything."

The executive scertary's position, which has been vacant since thresignation of Jan Piccard Beutler at the end of last semester, was filled by conducted the said of the said communications, is from Houston, Texas.

graduate communications, is from Houseur, Texas.
She has worked as the chairman and workshop coordinator of the 1979-80 Women's Conference and is the BYU-chapter president of the Utah Association of Women. "I'm excited. I think there is a lot of untapped potential in the office," she said.

"Kim will be an asset to the Ex-ecutive Council because of her proven ability to get things done," said Litster. "She is already well under way with plans to accomplish the respon-sibilities of the office."



Mark D. Dean is sworn in as the athletics vice president Thursda replaces Wade Rasmussen who resign Monday.

#### Lipsky convicted in N.Y. murder cas

By GREIG DEEM Universe Staff Writer The testimonies last week of two BYU Security officers and two Provo residents helped convict Leonard Lipsky in New Yorkof a murder he had committed over three years before, wood of BYU Security Police told the Universe that Lipsky was convicted of second degree murder Thursday.

Sgt. Rich Townsend and Detective Tana Johnson, both of the BYU Security Police, testified concerning a poem that they had

found at the time of his arrest in Provo.

found at the time of his arrest in Provo.

Lipsky was crossed in Fundamental in Lipsky was crossed in Fundamental in Lipsky was crossed in Fundamental in Lipsky and in Lipsky. The night of the Johnson, after Lipsky had signed a consent of search form, searched his apartment. Townsend said that the suspect was with them at the time of the search. Townsend said, Thuring the search of the aport of the search of the approximation of the search of the approximation of the search of the aport of the search of th

rape-murder earlier in the year here in Provo."

In the subsequent trial Lipsky was convicted of aggravated active the control of the control

# Utah. "Lipsky said be moved to Arizona where he became interested in the Mormon Church. Consequently, he moved to Provo to investigate it was the claimed he couldn't be consequently he couldn't be consequently he consequently he consequently a series of the consequently and the consequently are consequently as a series of the consequently good diamon

#### WORKSHOP IN PREPAR INCOME TAX RETURN

Learn about medical expense deducapital gains, self-employed and/or off the-home situations, second-job dedubusiness expenses, casualty losses, e income credit and other deductions.

The instructor will be Frank Webb, for supervisor and trainer for Tax Corporation America, who has twenty-six years of consulting experience.

The workshops will be held on Tuesday, 19 & 26, from 6:30.9.30 p.m. in 125 Registration fee will be \$30.00 per pe Please call BYU 378-4784 for additional formation. €

#### United Families of America

#### Group seeks monetary aid in Utah

SALT LAKE CITY
(AP) — United Families
of America expects to
collect a lot of money in
Utah to fight abortion,
federally-funded family
planning and the movement to draft women.

being investigated by state

Utah is 70 percent Mormon. The church has stressed the importance of the family to its members, and it has encouraged them to support groups which are pro-family.

Y coed's death Saturday

April 8 dinner at the Hotel Utah. Tickets for a reception the night of the dinner are going for the dinner are going for the dinner are going for the Equal Rights Amendment, and Mrs. Roylance said United Families is against the ERA in its present form. She said the organization of the Era and the companion of the Era and the Era and the companion of the compani

registration oegin for both men and women. Registration in respective in the control of the processory. Garn said, since only names and addresses would be taken. It would do nothing to aid national mobilization. He said he "may be old fashioned," "may be old fashioned, carefully for combat. He said, however, that he would favor letting women volunteer for combat if they were physically strong enough.

#### **Hughes Aircraft** Company?

Don't think aircraft when you think of Hughes (we don't build them). Think satellites. Think the first working laser. Think the Norway-to-Turkey electronic air defense system for NATO.

Think you'd like to talk with the electronics leader? We'd like to talk with you before graduation. Ask your placement office for dates the Hughes recruiters will be intensivena on compus.

HUGHES

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AN EQUAL OPPORTUNITY EMPLOYER M/F

# The Utah State Medical Examiner's Office is investigating the death of a BYU coed which occurred last Saturday at Utah Valley Hospital. Tammy Jean Coelho, 18, was found dead in her hospital room at 6:45 a.m., asid hospital spokesman Jerry Sorensen. Miss Coelho, a freshman from Boulder, Colo, was admitted to the part of the spokesman Jerry Sorensen Miss Coelho, was admitted to the part of the spokesman Jerry Sorensen Miss Coelho, as proported she had previously had problems with an ulcer. Dr. Monique Riser, of the medical examiner's office said an autopsy on Miss Coelho did not determine the cause of death. She said the examiner's office is still waiting for further blood test results. Hospital officials said the medical Miss Coelho was a resident of Budge Hall. The Daily Universe

Control of the Contro

#### DOE

examiner's office did not normally investigate hospital deaths. They said, however, that in the case of Miss Coelho the examiner's office "felt the reason for admittance to the hospital was insufficient cause for death."

continued from page 1
Mississippi, Missouri, Nevada, North Carolina, Oklahoma, Utah and Virginia.

The ERA must be ratified by 38 states before June 30, 1982 to become part of the Constitution. To date, 35 states have ratified the amendment, but five amendment, but five proval.

The Justice Depart.

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Tickets on Sale Today, Feb. 15 3rd Floor ELWO **Dress** 

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Uncle Mario's

**Band** Magic Ocean Breeze Mothball Fleet **Rock Candy** Disco

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Semi-formal Semi-formal



#### Spectacular to feature world culture

dancer prepares his act for 1 International Spectacular," a ow concert scheduled by the Installational Students Association Saturday night at 8 p.m. in the ster Ballroom ELWC. eccording to Al Roy, chairman the activity, the concert will uure song and dance numbers

from many countries, along with a fog machine and laser show. There will also be a slide presentation featuring scenes and narratives from around the world, Roy said.

Tickets for the show are \$1 each, and are available from the miniembassies in the LUNC-Stepdown Lounge or in 120 BRMB.

# Changes faced in 70s are prelude to 80s

By JOHN BARRACLOUGH
Universe Staff Writer
The changes we faced in the 1970s are only a prelude to the challenges of the 1980s, said Dean G. Wilson, vice president of facility plans, engineering and construction for U.S. Stoff-Changing Times: A Management Problem," as part of the Executive School of Management on Thursday.
"In the 1970s, many factors affecting our lives were altered, such as energy, fuel, government and even our basic thying standard," Wilson told a crowd of 300 persons. "These issues, of interest now, will become overriding factors of the way we live in the future."
Wilson pointed over "Significant of in the past, such as energy, medicine, law and education. "During the last decade, which was an era of distrust, scores of agencies were created to regulate our lives." Wilson said. He said it now costs \$6 billion to operate 56 agencies which regulate our lives and standard of living.

dard of living.

"These changes will require compensation and adjustments by every personal and industrial consumer in the country," he said.

The U.S. Steel official said his company alone must deal with 200 to 300 regulatory agencies in its operations.

Wilson said that in order to be successful, people must be able to deal with the challenges of change in the 1980s.

"As potential."

the 1960s.

"As potential managers in business, we need to develop the ability to deal with changes. This will determine our success and satisfaction in the next decade," he said.

Wilson pointed out four realizations that leaders of the 80s will have to come to grips with in the next decade. He said people must realize that change is included. He spelle must also develop the need to anticipate where they are going.

Change.

Wilson, an LDS stake president, referred to President Spencer W. Kimball's challenge to devote more time to civic duties and responsibilities. He encouraged his audience to prepare for the many responsibilities that will be faced by leaders of the 80c.



Universe photo by Russell Duke
U.S. Steel Representative Dean G. Wilson
speaks to a crowd of 300 persons about the
challenges of change in the future.

challenges of change in the future.

In a question and answer session following the lecture, members of the audience asked Wilson several that the leaves of the audience asked Wilson several the leaves of the audience asked wilson several that the leaves of the audience asked wilson several that the leaves of the audience and the leaves of the several seve

### School district superintendent retires after 40 years of service

In regard to his career in education Wing said, "I can't imagine that I could have been more happy or fulfilled in any other vocation than I have been in education."

Appreciation for Wing's work was expressed by Glen R. Brown, president of the Prov School Board, the Recommendation of the Prov School Board, which was a support of the Province of the Province of the Recommendation of t



#### Oh what a knight!

Stephen, a sophomore in arrived on his motorcycle and quickly swept Melanie Harston, an Orem receptionist from Bloomington, Ill., off her feet for Valentine's Day.

HEWLETT-PACKARD



THE NEW S100

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# Winter's thaw brings baseball

By BOB FREEZE.
Universe Sports Writer
February is only half over, freeing temperatures still provail, and few of even the most zealous of BYU baseball enthusiasts are contemplating the upcoming season. Nevertheless, the Cougar baseball team will venture out of their winter hibernation in the west end of the Smith Fieldhouse and travel of double he was against the University of Utah this Friday and Saturday. It will be the first action for this year's Cougar batmen, who racked up a 50-25-1 record last year, won the WAC conference crown, and finished second in the NCAA Central Regional. Although BYU lost 10 players from last year's Ith-ranked squad, Il letwars is 14th-ranked squad, Il l

of "by far the best recruiting year
w'ee ever had."

"In terms of getting who we wanted
for the positions we needed to fill,
we've had a super year." Pullins said.
BYU's mound corps felt the sting of
graduation worse than any position,
sever pitchers. But Pullins is optimistic
about this year's pitching prospects.
"They're almost all new," said
Pullins, "but, the tools are there. We
recruited several possibilities from the
junior college ranks, and although
they do have the necessary this
they do have the necessary then
picked up prep-star Peter Kendrick
from Honolulu, who Pullins feels has
the moxy of a senior."

Defensively, the Cougars will be
strong since almost the entire lineup
from last year's squad will be returnfrom last year's squad will be return-

than the year before, and now we've got them all back."

than the year before, and now we've of them all back."

In the infield, the Cougars will be led by All-WAC shortstop Pastornicky, who Pullins says is one of the best power-hitting shortstops in the nation. At catcher, Tsuhako will be back for his fourth season in the starting lineup. And Clayton, a junior, will most likely some many than the pastornicky what Pullins calls "one of the best defensive second baseman in the country forms with Pastornicky what Pullins calls "one of the moothest double-play combinations in college baseball." Rounding out the Cougar infield is senior Rich Thom at third base.

If the did is senior, they're not to the country of the

potential of becoming an All-WAC

Pullins, who in his three-year stint as head coach has brought home three division titles and a WAC championship, looked to this year's WAC competition and said, "We've walked away with the Northern Division of the away with the Northern Division of the away with the Northern Division of the Away with the theorem of the Northern Division of the WAC, Pullins picked San Diego State as the Southern Division of the WAC, Pullins picked San Diego State as the favorite to win that division and also named them as the team to beat in the WAC.

Summing up the potential of this

to beat in the WAC.

Summing up the potential of this ear's team Pullins said, "Our trengths will be team defense, speed, and hitting.

"After our pitching is given time to evelop. I predict we'll be a better eam than we were last year, and we rere certainly one of the top teams in he nation."

#### Y netters lose third this year, to play in Arkansas tourney

Oklahoma City University dealt BYU's men's tennis team a 5-4 loss Tuesday to give the Cougars a 1-3 dual Tuesday to give the Cougars a 1-3 dual Arkansas Collegiate Invitational. Winning for BYU in the singles' matches were Joel Miller, Rick Fought and Matt Murphy, while seniors Mike Tammen and John Sanford won the No.1 doubles.

#### Marriage is hassle

NEW YORK (AP) — Nancy Lopez Melton isn't ready to hang up her golf clubs just yet, but says she can relate to the burned-out feeling that sent Chris Evert Lloyd into her voluntary exile from tennis.

exile from tennis.
"I can see why she is doing what she is doing now," Melton said Wednesday at the picking up a \$10,000 check as the Woman Athlete of the World for 1979. Melton noted being married has made competing rough for her also.

PG

Miller, BYU's No. 3 player, defeated Curt Richter, 6-2, 2-6, 6-2, to even his record at 2-2. Fought downed Garry Custer, 6-4, 6-4 in the No.4 singles to keep his record unblemished at 4-0, Murphy defeated Wayne Barton in the No. 5 singles, 6-2, 5-7, 7-6 and has a 2-2 record for the season.

In the Arkansas Invitational, BYU will face 10th-ranked Arkansas; 15th-ranked Clemson; Southern Illiniois University, the defending NCAA divi-sion two champion; and Wichita State, a team which was in the top 20 last

The Cougars will be returning home for a Feb. 21 dual with Utah State which will begin at 1 p.m.

MARCE

FOX 1230 NORTH PG



Sideline THE ALL AMEDICAN HAMBURGER FACTORY Chatter

The BYU football coaches are moving up on the opening date for signing recruits. Among the individuals they are interested in are Jim Herman, a tight end out of Wisconsin and a running back from Brawley High School in Southern California. The 6-5 Herman is said be potentially a great player. The running back prospect has the necessary size at 6-6 mining they be prospect that the necessary size at 6-6 mining they be proposed to the necessary are at 8-6 mining they be proposed the state of the size of the s

#### Schedule corrected.

Schedule corrected.

The problem has been corrected. A month ago Athletic Director Glenn Tuckett was in need of adding one more WAC opponent to next year's football schedule in order to make the Cougars eligible to win the conference crown. Tuckett solved the problem with a switch with the Air Force Academy. BVI received a game against UTEP in exchange for a game with Boston College.

#### Fencing is extramural

Broting is extramural
BYU has varisty teams and it has extramural
teams. What is the difference?
Extramural teams lack the full financial support
from the school but participants in the sport are
allowed to use practice sessions for school credit.
The fencing team moved up from last year's status
as an ASBYU club to that of an extramural sport.
Coach Margo Beldon reports it has raised the level
of competition, provided money for travel, and made
the fencers more serious about training for competition.

tion.

Other extramural sports at BYU include archery and skiing, which like fencing are coed; rugby, lacross, and volleyball, all men's sports; and women's softball and women's soccer. That's right — women's

Forward power

BYU's victory over Utah State marked the best combined performance of the year for the Cougars' forward duo of Devin Durrant and Fred Roberts. Together they scored 43 points and brought down 19 rebounds.

rebounds.

So fans who have noticed the two seldom both play
well on the same night should take notice. It was also
the third game out of the last four in which they combined for at least 30 points and 15 rebounds.

bined for at least 30 points and 15 rebounds. **Best percentage shooter**Currently ranking as the best percentage shooter from the field for BYU is Greg Ballif. The 6-3 sophomore guard has hit on 19 of 25 shots for a 76 percent mark. In addition, he is 12 of 13 from the foul line.

Among the six starters Roberts has hit 59 percent from the field, and Scott Runia 86 percent from the field. and Scott Runia 86 percent from the Iline. Alan Taylor is averaging 10.5 rebounds and Damny Ainge leads in assists and scoring with averages of 19.3 and 4.4 respectively.

#### Club seeks votes

Alan Taylor and Scott Runia received 6,000 votes towards entering the Pizza Hut Classic Tuesday night. Cougar Club Presi-dent Ron Harrison said ballots were distributed to the student section at the Utah State game. He said it took 200,000 votes to get University of Utah star Jeff Jonas into the post-season All-Star contest two years ago "so we're really going to

Harrison also plans on enlisting help from other clubs, asking them to fill out ballots during club

FOR TWO

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reason for asking fans and others to assist in filling out the necessary

ballots, according to Harrison is that it would

15 LB in 15 days for under \$15 374-615

#### Marx Brothe

continue at the Villa Playhou



#### "Horsefeathers"

The Saturday night Standup Comedians are:

★ Randall Edwards ★ Cliff Eley ★ Doug Erekson ★ Mike Agrelii \* Hosted by Alan Rockwell

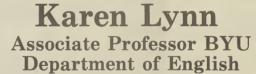
Showtimes 7:30 & 9:30

Comedy 9:00 254 S. Main Spring

# Here's Brother Brighan

Honored and revered by millions around the world as prophe seer, and revelator, President Brigham Young, portrayed by James Arrington, will visit BYU in February. The first territorial governor will visit BYU in February. The first territorial governor or Utah, husband of twenty-eight and father of hundreds comes to lithrough James Arrington's one-man show HERE'S BROTHER BRIGAH on Thursday, February 28 at 8:00 p.m. in the Pardoe Theatre. To the Brigham, unlike other portrayals, the haggard term "larger then life simply does not apply. Arrington's penetrating portrayal is exactly life size and the physical resemblance of Arrington to Brigham is scale nough to gasp at. The creation of the intimate Brigham Young is complete with sparkling humor and cursing at a persecuting feder government. The voice is that of the fiery yet serviceable orator history and as one reviewer noted, "... Arrington's performance is remarkable chemistry of wit, sensitivity, maturity, and energy ... flesh and blood Brigham, full-blown in his humanity, humor, intelligence, and personal magnetism." The audience visits with Brigham Young as he recounts the major events in his long and colorful life and comments on polygamy, tobacco, the arduous westward trek, and many others. HERE'S BROTHER BRIGHAM emerges from 30,000 of Young's personal letters, seven biographical and countless sermons and autobiographical writings and has been thusiastically received by the general public and critics alike.





"I HAVE WORK ENOUGH TO DO (DON'T I?): THE MORMON WORLD OF LABOR AND LEISURE

THAYE WORK ENOUGH TO BU GIVE 17: THAYE MORK ENOUGH TO BU GIVE 18 THE MORK AND LEISURE AS Latter-day Saints we preach a gospel of work. We value work not only for what work produces but for what work does for our characters and self-esteem. But as pervasive and as self-evident as these assumptions may be for us, they would in fact seem very peculiar to people of most other times and places. Why do Americans in general, and Mormons in particular, work so hard? Why, in our society, is a person without a job a misfit? Why, even at those times when our workload seems almost overwhelming, do we still freel that somehow we ought to be doing more? Why is the feeling that we should be working always with us, even in our leisure hours? A look at the historical and cultural forces behind this work ethic—this assumption that a righteous person will work hard and will be blessed for these labors — can help us to understand just what the fielal of work really means to us.

Not all aspects of this work ethic make us better, happier people. If we fall victim to certain false implications of this ethic, we endanger in at least two ways our chances for a happy, satisfying life. First, a misconception that life's only meaning lies in work can poison our leisure and prevent us from using our non-working time in rich, significant ways. And second, an insistence that work must yield tangible rewards can lead us to define work too narrowly, to carry out only superficially some of the roles that deserve our best energy, and to teach wrong values in our families. How can we define work meaningfully, so that we can distinguish leisure from laziness, and duty from nervous compulsion? How can we be sure we will not "spend our labor for that which does not satisfy"?





Forum Assembly Tuesday, February 19, 1 Marriott Center 10 a.m.

Reap a Rich Reward

Don't miss the Forum & Devotional Assembli

Question and Answer Session to follow lecture at the Varsity Theatre



ROSSED WORDS





#### Too Tall' Y to face Alaska

### w scoring system gins with Boise St.

talked to other coaches and we e the same problem," said "Wrestling is just not drawing ors and I feel like a lot of the is in the rules.

near falls will be scored the same, but a pin, which now terminates the match will be scored five points, and the wrestlers will resume the match.

A match is terminated when one of the contestants scores 15. Both the winner and the loser will be awarded the points they acquire during the course of the match.

This way, 'said Davis, 'it's feasiment of the terminate with the match for the team.

"This will create an excitement and suspense that wrestling has never known."

Besides the plus of attracting more fans, Davis feels his system will serve known."

wrestlers to compete in the NCAA competition.

"In traditional wrestling, you could have synears as well as the same state of the same state of the same state."

competition.....pete in the NCAX
"In traditional wrestling, you could
have someone come out and pin every
opponent in one-and-a-half minutes,
but then he won't be prepared to go the
distance in the NCAA.
"This."

"This way, he'll probably have to go the full six minutes."

the full six minutes."

Davis said he plans to submit the system to the NCAA rules committee sometime this spring, "The rules committee is pretty set in its ways," said Davis, "but I'd like to see this system make it. Wrestling needs to make money, and I feel like this is the way."

money, and I feel like this is the way.

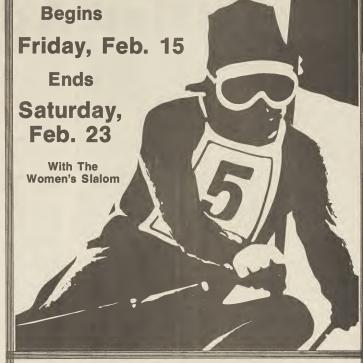
Davis is looking forward to the Boise
State match so he can analyze how his
system will work in practical application. Friday night's match will begin at
7:30 in the Smith Fieldhouse. Saturday, the Cougars will host the University of Wyoming at 2:30 p.m. and admission will be free.

#### Ostbye a favorite in slalom

PARK CITY, Utah (AP) — A field of 64 professional ski racers compete in Park City this weekend for a \$10,-

this weekend for a \$10,500 purse.

The event is the Mother Karen's Cup dual slalom, part of the Coors Colorado Pro Ski Tour.



# **Village Sports Den** Olympic Ski Sale

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ack women USU invite

women's track and field team enters its first teet of the indoor season as the Cougars are in o compete in the Utah State University In-al today and Saturday. dition to BYU and host Utah State others in the meet indeed.

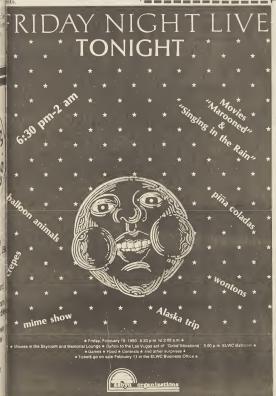
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Friday 1976 Innsbruck Special

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Saturday 1980 Lake Placid Special Hats & Long Underwear

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2—Lost and Found cont.

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Your charming smile,
and most important
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still on?
Happy Valentines Day!
Love, Ket

2-Lost & Found

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373-9806.
GIRLS: Nice apt. 2 Blks from campus, fireplace. \$70/mo. includes utils. 770 E. 700 N. 224-9921.

3 Bdrm, 2 Bath. \$250 + utils. 519 W. 940 N. Provo, 375-4986. Furnished or unfurnished.

or unfurnished.

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#### RENTAL MARKET

argest Selection of Apart ments, Home Rentals "Real Estate Supermarket" 125 E. 300 S., Provo 375-5588.

NEWPORTER

Boys, girls, super atmosphere, 2 blocks to Y. washer, storage, also renting for Spring/Sum-mer. 340 E. 600 N. Brad 373-0838 or Diane 377-0935.

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Have your own rm.
in 3 bdrm. apt. Cable TV,
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N. 500 W. 375-8389.

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One private bedroom avail.
Luxury convenient living.
Washer and dryer, HBO.
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I GIRL'S Private room for win-ter semester. \$85/mo. + utils. Call 375-9485.

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Renting for Spring & Sum Large pool. 375-9848. Girls: for mature student, near Y, \$60. Also openings. Spring & Summer. 373-4759.

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ew home. Carptets & bdrm,full bsmt. Fr hood, dshwasher, side entry, utls Classy home. \$350 680 W. Provo, 377

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Antique bedroom and vanity inc style, \$600 or be 0516. 41—Cameras-Ph Minelta SR 201. Pe tion. \$250 or be Karen, 378-2664 hinen 7800 Sound 8mm Projector than 10 times, full price at loc will teke \$300. C

42-Musical Ins GIBSON, Fender Demo Gultar a MISS THIS. H 158 S. 100 W. P 43—Elec. Applia

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NTIAC Trans-Am, recent repo., good Accepting bids over Commercial Security 225-4090 Ext. 38. ANG H, Good cond AM/FM 8-track, sur

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3UN. Good tires. Eng uled. 25-35 mpg. \$275. or Eileen 375-1614. stang 20-25 MPG, T-spd. \$4450/offer, 226-wes, Todd

oday is first day the rest

Give

lood

so it can be the

first day somebody lse's, too.



FIRST PLACE

Dearest Adam,
With your tender touch upon
my cheek
You say," llove you" but you
do not speak,
your words are gestures, your
thoughts are dreams.
But with your heart, you
speak, it seems.

With that all encon you care".
Your eyes find mine, I lose all thought.
What unquesting faith to this world you've brought!

this world you've prought!

With my every thought and deed

I'll thank God for this sprouting seed.

I'll nurture and prune it, as time goes by.

To bring forth it's true beauty; I'll not let it die.

(O. O.)

beauty; I'll not let it die.

And so, my first born, my lively son
I'll now let you go for the day's just begun.

And to this short note these
And to this short note these
I'rom Monny, with love, to my funny valentine."

Your smile warms my heart, In your embrace my troubles seem to melt away. Words of wisdom and comfort from you bring peace to my soul. I

SECOND PLACE THIRD PLACE

ed deep under ice and snow.
This is no ordinary shore,
For underneath I hear a roar.
I take a rock and hoist it
high,
And then with force I let it
fly
With hope that it may come fly With hope that it may come to slice The thick and frozen bed of

ice. And oh, the thunder that I hear,
What seemed so far, at once
is near,
Like penned up horses all set
free,
The clamorous roar envelops me. Walking a winter path My heart rumbles like that

water. It begs for you to let it go From underneath the ice and snow. For though the winter white is deep, My heart, my love, is not My heart, my love, is not asleep. It calls for you, though faint the din; The restless stirrings from within. Would this not be the perfect time To set me free, my Valentine? J.D.

**₩** ross the miles
I come to say...
Words could never expre
The feelings
I have for you.
Not even the word love.
For what I feel
Is more than love. • It's...
It's joy
In hearing the phone ring
and knowing it's you.

It's excitement It's excitement When I just know There's going to be a Letter in the box today. It's security 6 It's security
Knowing you'll be there
When I need you.
It's memories
Of silly times gone by
And hope
We'll always be together
It's so much. 9 And
I'll love you forever.
You're in my heart daily.
Yearny Valentines Day.

1-Cynthia C. Pulsipher

2-John DeVilbiss

3-Peggy Ann Shinn



Mrs. Ardis Smith, of the consumer protection division of the Utah Trade Commission, urges stu dents to "know who they're dealing with." Mrs. Smith addressed the Family Resource Managemen Club Thursday. Consumer protection

Complaints investigated 

#### – At-a-Glance –

#### Physics professor presented award

The 17th Distinguished Faculty Lecturer Award was presented to Daniel L. Decker, professor of physics, Wednesday evening by BYU President Dallin H. Oaks.

physics, Wednesday ev Dallin H. Oaks.

In his introductory remarks, Oaks cited several of Decker's accomplishments. These included major contributions of solids and the publication of 81 professional papers. Following the presentation, Decker spoke on the diffusion of impurities in solid metals, an area in which he has done extensive research.

Using several methods



Using several methods of visual demonstration, Decker outlined the research he and several graduate students did to increase understanding of solid diffu-

soon. Solid state diffusion, or how atoms of one solid migrate through another, is a classical research area, Decker said. However, its study, particularly of metals into other metals, is necessary because of its use in semi-conductors and computer technology to-

day. He added that there is a continuing need for further study. He cited research being done to use solid state electrolytes, or storage batteries, for an alternate energy source in cars. The award is sponsored annually by the University and the Alumni Association in recognition of excellent performance by university faculty members. Financial support for the award is provided by Karl G. Masser Associates.

All students interested in participating in the win-ter semester "Adopt a Grandparent" program need to fill out an application at the Student Community Services Office, 449 ELWC or call 378-7184.

#### Connally tape to present issues

Students and others interested in learning more about the John Connally for President campaign are invited to attend meetings next Tuesday and Wed-

invited to attent necessary.

Both sessions will begin at 8 p.m. in 2436 HBLL. A
Both sessions will begin at 8 p.m. in 2436 HBLL. A
ideotape of Governor Connally speaking about his
candidacy and the major issues of the 1980 campaign
will be shown both nights. For further information
contact David Harmer at 375-2564.

#### Individual visits to Israel possible

#### Poetry contest will award \$1,000

A \$1,000 grand prize will be awarded in the Poetry Competition sponsored by the World of Poetry, a quarterly newsletter for poets.

Poems of all styles and any subjects are eligible to compete for the grand prize or 49 other cash and merchandise awards.

merchandise awards.
Contest director Joseph Mellon said, "We are en-couraging poetic talent of every kind, and expect our contest to produce exciting discoveries."
Rules and official entry forms are available from the director of the content of

#### Student services needs applicants

All students interested in participating in the win ter semester "Adopt a Grandparent" program need to fill out an application at the Student Community Services Office, 449 ELWC or call 378-7184.



#### Tax preparation workshop offered

For taxpayers who would like to avoid the expense of having someone else prepare their returns but are uncertain about doing it themselves, BYU is offering a workshop on tax preparation.

The workshop is a class offered through the Division of Continuing Education and will be held on p.m. in 125 JKB.

A \$30 registration fee is required. The fee includes a reference text.

The workshop will take the mystery out of such subjects as medical expense deductions, short-term and long-term capital gains, second-job deductions, business expenses, casualty losses and other legitimate expenses, casualty losses and other legitimate expenses, casualty losses and other agent and the subjects of the continuity of the co

Those interested in registering for the workshop are invited to call 378-4784.

#### February named as CAM month

Consultant Administrative Systems (CAM), the dministrative Management Society, Willow Grove, em. has designated February as "CAM Recogni-on Month."

Fem. nas designated reuruary as Varia recognition Month.'

CAM is of the control and management personnel who can the control and the control

KNOXVILLE, Tenn. (AP) — Agricultural crops such as cotton, com, cabbage, wheat and soybeans have become addicted to air pollution from power plants. a Tennessee Valley Authority (TVA) researcher says.

esearcher says.

The withdrawal symptoms from eliminating or ducing that 15,000 ton daily fix of sulfur dioxide ollutants could cost farmers in the seven state gion more than \$300 million a year in crop losses, yes J.C. Noggle, a TVA soil chemist in Muscle hools, Ala.

says J.L. Noggle, a TVA soil chemist in Muscle Shoals, Ala.

Noggle has concluded after four years of research that pollution in the air from coal-burning power plants has taken the place of fertilizers in the ground in providing the sulfur nutrients needed by many of the nation's crops.

Inolically, ander pressure of court suits and Inolically, also spending 85 billion in a program that will raise its consumers' electric bills 10 percent-about \$4.35 a month - by 1983 to reduce its sulfur dioxide pollution 40 percent over the next five years. Unlike many critics, Noggle does not question the need for the expensive air cleanup measures.

"The air pollution problem is complex and this is just one little parcel of it," he said. But if we clean up the air, then the cost of putting sulfur back into fertilizers should be considered in the costs of the cleanup.

fertilizers should be considered in the cleanup."
Noggle's research was funded by the Environmental Protection Agency, which three years ago sued TVA in the largest air cleanup enforcement action. The grant runs out this year. Though Noggle says he thinks he could quantify the benefits of sulfur dioxide pollution to crops with a few more years of field work, EPA and TVA are putting his research on back burner.

Citing the damages that excessive amounts of sulfur dioxide can cause crops and its observed connection with human lung allments, EPA researchers frown on Noggle's findings.

"The notion that it is essential or desirable, or even

Agricultural crops addicted

to power plant air pollution

"For the most part, Utah's businessmen are honest, hardworking and productive men. However there are a few who occasionally aren't, 'said Ardis Smith, from the consumer protection division of the said. Mrs. Smith said the average consumer could spend Mrs. Smith, who has worked with consumer protection for 10 years, was on campus Thursday to speak to the Family Resource Management Club. Mrs. Smith considers herself a pioneer in consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protections in the state of Utah. She began working for the Attorney General's office of consumer protections in the state of Utah. She began working for the Attorney General's office of consumer protections in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of consumer protection in the state of Utah. She began working for the Attorney General's office of the state of Utah. She began working for the Attorney General's office of the Attorne

consumer and the businessman, and our purpose is to help both."

The trade commission investigates complaints, and business opportunities and the second of the second of

said. It is difficult to legally prove this action, but her of-fice has been responsible for apprehending several of-fenders, she said vised students to be aware of the procedures and policies of work at home schemes, repairs and other services. "It is imperative to know the you're dealing with, and understand the policies of the company," she said.

It is not her job to go out and accuse people, she said. "We invite them in for questioning and examination. If there is a violation, the assistant attorney general will file a complaint."

She said that many times the businessman will appreciate the service to find out what they are doing

### Y Bookstore supplies service to students throughout year

By MARC JOHNSON Universe Staff Writer

Imagine a pile of paper eight and one-half inches ide, 11 inches long and 2,532 feet high. Filler paper omprises 1,666 feet of the pile, and 866 feet is typing

wide, 11 must be comprised to the pile, and 866 feet is typing paper.

Breaking this pile of paper down, it contains 10,000 reams of filler paper and 5,000 reams of typing paper, or 8 million sheets of paper.

This is only one part of the school supplies sold in the course of a year at the BYU Bookstore. Wayne Finnegan, supervisor of school supplies for the Bookstore, noted that the bookstore also self files, noted, contained the bookstore also self files, noted, or the bookstore also self files, noted to the bookst

marginally acceptible, to continue supplying sulfur indiscriminately by using polluted air masses instead of fertilizer is just that - fertilizer," said Norman Glass, an EPA researcher in Corvalis, Ore. Harrison R. Hickey, chief of TVA's applied research staff and Vosgel's boss, said a new five year agreement with EPA is going to focus more on the example of the property of the p

research staff and Noggle's boss, said a new five year agreement with EPA is going to focus more on the economics of the damages caused by air pollution. "EPA has been aware of it." Hickey said of NEPA has been aware of it. "Hickey said of that they supported it in the first place. The use of the information has given them trouble."

TVA officials cited one example in which a congressman tried to use Nogle's findings to thwart EPA orders directing a utility to install expensive sulfur dioxide scrubbers on a power plant in Maryland. TVA is buying nearly \$700 million in scrubbers for its power plant.

"The book store sold 1,440 gross of pencils in one year," Finnegan said. "This is 207,360 pencils. If you were to lay each seven-inch pencil end to end, it would make a line 22 miles long."
Finnegan said during the semester 4,000 blue books are sold. Most of these are sold during midterns and finals.

rms and finals.

Besides blue books, calculators are also a popular
em. Steve Johnson, a bookstore buyer of calculators
and engineering supplies, said during the school rush
the first of the semester, 1,500 calculators were

sold.

To make sure that all the shelves are stocked, there are 14 part-time student employees and three full-time workers. The student employees have the responsibility of stocking the shelves and running the cash registers.

Finneyan said the bookstore also sells attache cases. "The missionaries usually buy the \$80 type which are a good investment. They will last throughout their missions and through four years of school as well," he said.

The bookstore carries Smith Corona typewriters with prices ranging from \$125 to \$350. Finnegan said, "The bookstore has a typewriter repairman who works at his home part-time in the evenings."

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**ENTERPRISE AUTO** 



Dr. John Hill measures the amount of vegetable oil needed to treatment used in much of the world.

against bug infestation.

Used anciently
While the procedure of using vegetable oil to protect stored seeds against infestation may have been used in India and Africa anciently, the scientific basis is established.

Dr. Aart van Schoonhoven of ClAT had discovered that a thin coating of vegetable oil would offer beans protection against the working in Schoonhoven's laboratory, Hill found that all of the household cooking oils vegetable soybeans, safflower seeds, cotton seeds, sesame seeds, coconuts, African palm fruit and olives) would protect all

President's Day

**SPECIAL** 

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Maternity Wardrobe 32 N. 100 E.

# Vegetable oil saves grain

By EDWARD RAE BARNEY Universe Staff Writer aff Writer
Tropical Agriculture
(CIAT) in Cali, Colombia, have been doing
research on the preservation of cereal grains
(rice, corn, wheat, barley, etc.) and pulses
(beans, peas and lentils)
against bug infestation.

Used anciently
While the procedure

Don't throw away intested wheat or graininested wheat wheat
inested wheat
inested

January.

"While the process of coating the seeds is not recommended here in the United States because there are alternative storage programs, it is valuable to many other countries," Hill said.

seeds when applied as a coating of appropriate thickness.

"The oil is required in "The oil is required in such small amounts that it does not alter the cooking procedure and only minutely alters the flavor of the stored seeds even when they are stored so long that the oil becomes rancid. To most people any change in the taste of the seeds would not be noticeable, he said.

Prevents mold

Prevents mold
The process does not
affect the ability of the
seed to sprout when
planted and it also
protects the seeds
against mold growth
during storage, Hill said.

"Through my research
I have determined how
much oil is required to
protect the different
kinds of seeds against

the specific varieties of insects which commonly infest them.

"For example, beans with shiny hard surfaces require one-half a teaspoon of oil per pound, while wheat with rough pourous surfaces requires two teaspoons of oil per beautiful require between one and two teaspoons of oil per pound," Hill said.
"This process is a

pound," Hill said.
"This process is a relatively inexpensive way of preserving seeds against insect infestation and the food value of the oil is still available when the stored seeds are eaten, thus increasing the caloric intake," he said.

Stored normally
Once the infested seed
has been treated, it
should be checked each
month and more oil ad-

ded if insects have appeared. Once it has been determined that all the insects are dead, the seeds should be then stored in the normal manner, Hill said.

The oil must be thoroughly mixed the control of the control o

#### Students entertain prisone

Once a month a handful of BYU students climb into cars and drive through the dusk to a walled compound at the point of the mountain.

dusk to a walled compound at the point of the
mountain.

The students are all a
part of Prison Entertainment, a program sponsored by the Office of
Student Community
Services aimed at
previding promers with
entertainment and
education.

Students wishing to
share their time and
talents are recruited by
members of the office.
They travel to Utah
State Prison and perform in an informal
setting to small but
enthusiastic groups of
the office.
They commit swell
the community of the community of the community of the community
that is the community of the commun

setting to small but enthusiastic groups of immates.

The program is well received, said Tracy Seliger, a sophomore with a sophomore of the seliger, who is in charge of the program, said the immates especially enjoy musicians. "Music's the best, we really love it." Miss immates as telling her. For the Feb. 5 program at the prison, the group consisted of fifteen people, among them, a 50s band. "The band did 'Jailhouse Rock and the prisoners, and the prison," Miss Seliger said. "You get a strange feeling when you walk through the gates and they swing closed behind you. But that feeling leaves by the

A prison inmate presents a musical number during Prison Entement, a program sponsored by the BYU Office of Student Comm Services. Students travel to the Utah State Prison once each mor perform for inmates.

time the performance is over."

Jim Pratt, a junior in business from Richifeld, offered some observations after attending a bright in the prisoner's Diffe, and somehow it helped him ... is a prisoner's Diffe, and somehow it helped him ... imply in knowing we cared, 'Pratt said.

"Thinking of him and the other friends I made the other friends I made the other friends in made the other friends in additional the other friends in a side that the other friends in a side that prisoners also have a good deal of the service. They come right out, a fact that the side of the service is made they are the service in the service of the service.

They prisoners also have a good deal of the service is made and they are the service in the service is made and they are the service in the service is the service in the service

# Trash makes new fue said, but it burns at the same high temper natural gas. "It's a cleaner fuel than low-s and it's more easily handled," he said. But the fuel has one big drawback — its b bon monoxide content makes it too lethal t the home, said Jordan Spencer, an a professor of engineering.

NEW YORK (AP) — A new process that combines coal with garbage can make a substitute for natural gas that is cheaper than imported oil, Columbia University engineers announced Thursday.

But the substitute fuel cannot be used in the home because it is poisonous and it would only be practical near big cities with lots of garbage, they added.

practical near big cities with lots of garbage, they added.

"There is a very decisive cost advantage, aside from the fact that we simultaneously solve a pollution problem," said Helmut Schulz, a senior research associate at Columbia's School of Engineering and Applied Science.

Schulz is the inventor of the new process.

At a news conference, Schulz and other engineers said the process can make fuel gas that costs about \$2.50 per million British termal units (BTUS), a million British termal units (BTOS), a million British termal units (BTOS), a million British termal units (BTOS), a considerable of the senior of the senior

#### Teletip returns, offers solutions

If you have zits, cockroaches, dating problems, or roblems with obesity, Tele-tip has something for

If you have zits, executed to problems with obesity, Tele-tip has something for you.

Last month over 2,400 people called this service center to get information on any one of nearly 200 subjects. The center has been in operation since 1974 and runs from 8 a.m. to 10 p.m. Monday through Saturday.

The standard lass offers information on such practice and the service of the servic

vents.

To use tele-tip the student should call 378-7420 if making the call from off campus or ext. 7420 if calling from a campus phone. An operator will answer and ask for the number of the service the caller desires.

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HORTHEAST AREA



Medical cost hearing attracts senior citizens

members said they didn't like the measure but wanted the entire House to decide its fate. "We've shed a lot of blood in committee about this; I think the other 68 members of the House should have should have to be cone." said Rep. Steve Scanlin, D-Caldwell. For six years, the Legislature has been considering "certificate of need" bills. The bills attempt to set up a review system to screen proposed large expenditures for health care facilities and equipment.

The goal, said an aide

parently thought would help hold down rising medical costs.

But all who estified, some measure's sponsor, said the bill probably would not cut costs. Most support came from those who said if Idaho doesn't enact a "certificate of need" law, the federal government might take of the control o ment.

The goal, said an aide to Gov. John Evans, Mark Toledo, is to eliminate duplicated services and possibly keep the cost of medical care down.

care down.

Spokesmen for Idaho doctors, hospitals and nursing homes all endorsed this year's bill, after opposing previous versions. This time, they said, they like the idea of having a state review board decide feasibility of projects, not a remote federal agency.

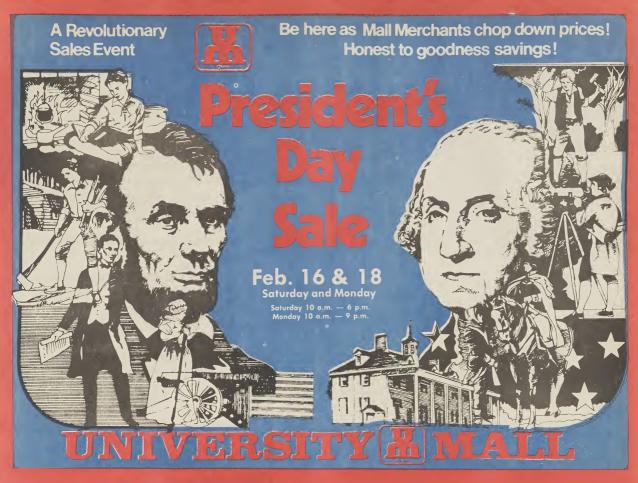
port the bill only because it covers all health facilities in the latth facilities. But Veterans Administration attorney Rick Toothman said a 1974 law exempts federal health facilities from state controls. Control of the proposal against the VA or other federal facilities, "we'll resist it," he said. Only Indiana and Idaho have not passed "certificate of need laws. Officials said it law in operation by September, the state could lose about \$2 \text{million} in federal funds for emergency medical services, family planning, community health clinics, mental dealth facilities and drug abuse treatment.

Robert Macfarlane, retired state AFI-Clo president, urged passage of the bill of the dealth of the community health clinics, mental drug abuse treatment.

Robert Macfarlane, retired state AFI-Clo president, urged passage of the bill of the dealth of the control of the c

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# Ballerina pays in corns, callouses

By MARA CALLISTER
Universe Staff Writer
It takes an awful lot of money to become a
ballerine today, not to mention the pain and discipline. Laurel T. McNeil, a BYU ballet student,
says she spent \$1,500 last year on toe shoes, and this
wear name to nay process.

What did Mrs. McNeil get from all those pairs of shoes?" All of b bitters, "he laughed," sore feet, corns and callouses."

Currently, shoes cost \$21 a pair. "I go through a pair of shoes every night when I perform," said make them last."

Mrs. McNeil, formerly a sporte dance major, discovered in January she was in line to become BYUs first graduate in professional ballet.

Born in France, the ballerina took her first dancing lessons from her mother's teacher at age five after her family moved to the United States.

"At 12, my teacher finally let me try pointe. I remember how surprised I was the first time I put my feet into those shoes," said Mrs. McNeil, whose only break from ballet was for a year and a hid during sizes smaller than regular shoes."

Besides the money, Mrs. McNeil recalled the hundreds of hours she has invested into 15 years of dance. Since joining BYU's ballet company as a freshman, Mrs. McNeil soays she has practiced 16 hours a week and taken daily ballet classes.

Mrs. McNeil jokingly described a ballet dancer as "the girl with a wirnkle in her forehead who never smiles." She laughed, "That's what many people hard. But when we go on stage we really do smile."

Without the stage and crowds, ballet would not be worth the sacrifice, said Mrs. McNeil.

Without the stage and crowds, ballet would not be worth the sacrifice, said Mrs. McNeil.

"I love to hear the people clapping and I love seeing the lights and feeling the excitement on stage."

"I love to hear the people clapping and I love seeing the lights and feeling the excitement on stage."

In April when she graduates, Mrs. McNeil plans to continue dancing for the BYU company and eventually open up her own studio.

She says she will dance "indefinitely. Many professional ballerinas dance until the day their babies are born," she stated, "and I plan to do the

when asked why she chose to join BYU's company before the school offered a ballet major. Mrs. McNeil asid, "I wanted the religions influence around me."

Calling ballet competition "tough and vicious" in most dance companies, Mrs. McNeil listed the reputation of BYU's company as another reason why she chose the school.

"In my old studios you hated the girls who got the part you wanted," she recalled. "One girl found glass in her pointe shoes when she got a big part."

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- 20

She described the moral climate as another plus fig. BYU's program, which she saw as distinctly different many other ballet schools.

Mrs. McNell said she also enjoyed not practicing on Sundays, and meeting weekly on a committee allow dancers to "air their feelings."

The senior admitted, "We fool around a lot an have a good time because we're all good friend. But," she continued, "we get an awful lot of wood done too."

Commenting on the amount of time it takes prepare for a single show, Mrs. McNeil kidded, "' plan to bring our sleeping bags and spend all night our practice room — we already spend all day there

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BYU's first professional ballerina, Laurel McNeil, says she spends hundreds of hours and hundreds of dollars in preparation for just one ballet concert, and might end up bringing a sleeping bag to "spend all night in the practice room," for next week's concert.

#### Carson wants Student art show slated 'prime time'

Student art
Students interested in displaying their artistic ability will want
to display their talents in the upcoming BYU Student Art Show to
be held March 3 through 12.
Cliff Allen, gallery director in the
Harris Fine Arts Center said,
"Many colleges come to see what
BYU art department is producing.
In a sense, this show really puts
BYU's reputation on the line," opportunity to display their works in
graphics, jewelry, painting,
sculpture and ceramics. The unique part of the show is that any
student on campus, whether majoring in art or not has the chance
to participate.
Even though any student is eligi-

Intow Sialed.

Interest of this year's is February 18 and 19.

Is and 19.

Is

This is from Ron Hendren of the "Today" show. It hould be pointed out Hendren speaks for Hendren, and not necessarily for NBC.

Hendren reported this week he'd come across the formation in a treah pile at NBC Burbank, which is shere he tapes his "Today" segments.

NBC's only comment," the standard report was to susual "No comment," the standard reply to Car-Even though any student is eligible to enter the show, the entries must have been completed since its usual "No comment," the standard reply to Usron queries.

Although Hendren works for NBC and the NBC
trash is probably at least as reliable as any other
trash, it's difficult to believe NBC would move Carson to prime time, especially when you consider the
second part of Hendren's rumor.

If Carson moved his show to prime time, say, 9:30
to 10:30, Tom Snyder's "Tomorrow" show would
move into Carson's old 11:30 slot. And Tom Snyder
would come with it.

"That's hard to believe. If Carson does leave would come with it.

That's hard to believe. If Carson does leave "Tonight," NBC almost certainly would keep the "Tonight Show" variety-talk format, a form that earns \$19 million a year in pre-tax profits.

The network would sooner keep "Tonight" and try a new host than move "Tomorrow" and Snyder into Carson's spot. Snyder's style is, to say the least, ill-suited for the friendly, send-the-viewers-to-sleep "Tonight" time

LOS ANGELES (AP) — An interesting thing hap-pened at the Johnny Carson rumor mill the other day. NBC's very own TV critic took to the stump and came up with a Carson rumor of his own:

to.

What keeps the Carson rumor mill active is the rotracted negotiation process between NBC and its estless late-night hero.

The negotiations are active on two levels: in court, there Carson's lawyers are trying to declare his conract void, and in private bargaining sessions between Carson's lawyers and NBC executivener Carson's lawyers and NBC executives.

The ourt case is a sort of arbitration called a eneral order of reference, in which a California unperior court judge privately hears a civil case out-roter of reference is as binding as any ruling by the superior Court.

The Carson-NBC case was submitted nearly six

Superior Court.

The Carson BC case was submitted nearly six more and NBC was still filing papers as recentified and the stop, and NBC was still filing papers as recentified and the stop and the stop

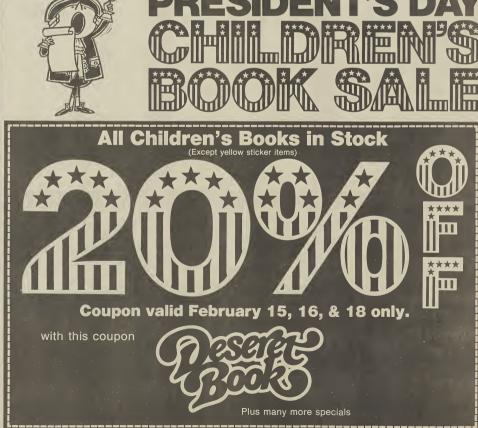
#### Film contest set, applicants sought

Entry forms and comprehensive rules are available for the Seventh Annual Student Film Awards com-petition, a program of the Academy of Motion Pic-ture Arts and Sciences.

The competition awards excellence in student filmmaking at colleges and universities nationwide with cash grants and recognition from leaders of the film industry.

Motion pictures will be awarded in four categories: animation, documentary, dramatic and experimen-tal. The winners in each class will receive an expense-paid trip to Los Angeles for the awards ceremony. Two merit awards of \$500 will also be given in each category, as well as an honorary award of \$750 if the academy feels it necessary.

Deadline entry is April 1. Entry forms, rules and a list of regional coordinators and their districts may be obtained free by writing Karen Arandjelovich at the Academy of Motion Picture Arts and Sciences, 8949 Wilshire Blvd., Beverly Hills, Calif., 90211.



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### isco going 'second string' ballroom dance, big bands

By PHIL BUSSEY Universe Staff Writer

Universe Staff Writer
sext time you take your date out for a night of
for you turn on your favorite radio station,
suprised if you hear the same kind of music
uents listened to when they were your age.
the slowing of disco, music is looking for a
and to follow, and the newest trend being
ed is ballroom dancing and big band music.
big band sound was most famous during the
und early fifties, bringing fame to band leader
m Miller and Harry James, and producing hit
like "Little Brown Jug" and "In the Mood."
al sources predict the big band sound is on its



m Bogata to BYU

way back in "Billboard" magazine and ABC's television show "20/20" have run features on the reaction of the re

1980." According to Miss Priest, the growth of ballroom dancing and big band music is a result of economic trends.
"Disco appeals to only a small part of the market, where big band attracts a much broader audience," the large concert arenas, so ballrooms are much more feasible."
"The change to big band sound will not replace disco," Miss Priest explained. "The big band sound will not replace disco," Miss Priest explained. "The big band sound will be back, but it will have a disco influence attached to it."
Miss Priest predicted the big band trend will not some the sound will not some the sound trend will not so the sound trend will not some the sound trend will not so the sound trend to the sound trend trends to the sound t

be as "faddish" as disco, but will have a definite following.

"The sound has already caught on in the Salt Lake valley," said Patrick Thomas, operations manager for KWHO-radio in Salt Lake City, KWHO, which was formerly a solid disco radio station, but now has switched to playing only big band music.

Patrick said, "Disco wasn't selling but to a very limited audience and we decided to look around for another format. We found that big band filled cike, big band music has always been around, but needed a chance to "come out of hiding."

"A lot of these guys who played and toured back in the forties never quit touring," he said. "Now they are beginning to come back into the limelight and everybody thinks it's something new."

The big band craze and ballroom dancing are on the rise especially with the younger generation. Patrick explained, "We are getting a lot of younger insteners calling in for requests, so we feel it is not a nostalgia craze among old people."

LeGene Lyman, coordinator of the ballroom dance division of BYU's college of physical education said, "We feel it (big band music) is really picking up with youth. We are getting calls for ballroom dance teachers from the same youth organizations that called last year asking for someone to teach them

Ms. Lyman says she feels enrollment for next emester for ballroom dance classes will exceed the mount of teachers available to instruct them. Many other dancing establishments have followed

A 9-piece orchestra at Provo's "Uncle Marios" demonstrates of the 1940s and '50s are making their way onto formerly the newest trend in music. Most recently the big band sounds disco radio stations what used to be disco establishments.

the trend and now offer ballroom dancing with a live orchestra. Uncle Mario's in Provo offers ballroom dancing with live orchestra music every Thursday with the manage with live orchestra music every Thursday "We have musicians in the orchestra that were in the original big hands back when they first were popular," said Dan Morgan, promotional manager for Uncle Mario's. He said, "The dancing is geared to all ages, but we are finding that the younger generation is really catching on."

Not only in Provo is the waltz and the swing becoming popular. Salt Lake's Hotel Utah recently opened a dance floor in their facility for ballroom dancing. Tammy Cooper of the hotel's catering service in charge of the dances said, "We decided to try it on a three month trial basis, and it has been quite successful so far. The live orchestra offers music that provides dancing for anything from the foxtrot to waltzes."

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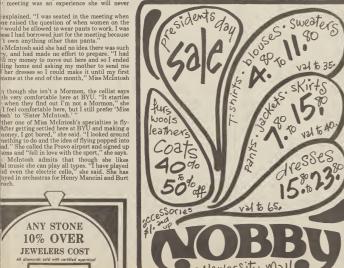
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Smith, through Feb. 29, Monday through Friday, 8 a.m. to 5
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Dance Performance

Ballet in Concert, Thursday through Saturday of next seek, 8 p.m. in the Pardoe Theater, HFAC. Tickets vailable at drama box office.

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# Power plant designated as historic site



Universe photo by John Taylor
The Nunn Power Plant, whose success in 1898 demonstrated that large voltages of power could be transmitted over long distances, has recently been placed on the National Register of Historic

New research results

#### Silicones decrease disease

By KAREN M. HANSEN Universe Staff Writer

Universe Staff Writer
The use of silicones and plastics instead of rubber in milking machine equipment decrease disease and increases milk production in dairy cattle and may soon make the use of rubber obsolete, according to Kent Kohkonen, technology department chairman at BYU.

the the kohkonen, technology department chairman at BYU.

Michonen is heading the design and technology appects of a project to reteigin milking machinery, and the project to reteigin milking machinery. The project to reteigin milking machinery and the state of the project of the manufacturing the project of the project of the manufacturing process, beginning with the design, and continuing through the engineering, production, testing and evaluation stages, Kohkonen said.

The project began at the request of Noorlander who has studied milking problems for over 20 years, the explained that little research has been done by industry on milking machinery since its original design. Industry "just considered it a labor-saving device," he said.

However, mastitis, a disease affecting milk revolu-

he said.

However, mastitis, a disease affecting milk production, is caused by milking machinery pumping bacteria into the cow's udder. Noorlander initiated the project to look for ways to control bacteria by deelsging the equipment.

At first, the research team studied problems with he vacuum, and pinching of the cow. The silicon rooducts were considered to be better than synthetic tuber because they were more flexible.

But once that was done, there were still some herds vith mastitis where the cause could not be isolated, Noorlander said.

Then Dr. Richard Heckman suggested the rubber be analyzed. "No one ever thought rubber would be damaging to cows," Noorlander said. "The rubber still looked good. It had to be blown up 10,000 times to see the problem. It is just like a sponge, full of below."

oles."
The tests with silicon have been quite successful, oorlander said. It is not porous like rubber, so the acteria problem is greatly reduced. Silicon will also st six to seven times as long as rubber.
Rubber parts are normally replaced anywhere from nce a week to once a month, Noorlander said. With I prices rising (synthetic rubber is a derivative of THE NEW:



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oil), the use of silicon can also represent large savings for dairy farmers.

A complete change to silicon requires the team to look at the total milking system, Kohkonen said. For instance, several different styles of milking shells exist, and a different mouthpiece and inflation is required for each.

quired for each.

The team is trying to determine which styles work best, so after a design is produced, it is tested on the cow, and then evaluated.

Gardner supervises the actual testing on the animals, and evaluates the results. Some things he looks at include the strength of the unit and the length of time it lasts.

Kohkonen said one thing the team has found is milking times are decreasing by using silicon parts. milking times are decreasing by using silicon parts. Some supervised in the company of the company of the developed, Kohkonen added.

developed, Kolkonen added.

Six complete systems

Kohkonen has developed six different complete systems from silicon and polyethelene to fit different milking shells. He said they are in the process of designing parts to fit any shell on the market. He is also testing new plastics as they come on the market to determine their use in the milking equipment. The units are washed in hot caustic solutions, and get kicked or stepped on while in the barn, so ome materials will work better than others, cohkonen said the products are heiner from the first of the products are heiner from the products are heiner from the first of the products are heiner from the products are heiner from the first of the products are heiner from the products are heiner from the first of the products are heiner from the first of the products are heiner from the first of t

problem."

Noorlander said in South America 62 to 80 percent of the herds have mastitis. A dairy farmer in Utah who didn't realize his herds had mastitis doubled his milk production after using the new equipment, he added.

Two manufacturers have already expressed in terest in producing the parts, Noorlander said.

#### Diplomat to receive royal welcome

Diplomat to receive

POST FALLS, Idaho
(AP) — Henry Lee
Schatz, ore of six
American diplomats
secreted out of Iran by
Canadian embassy officials, will receive a
royal welcome when he
returns home. But not
even his parents are sure
when that will be.

"He's looking for an
apartment, he's got accounts to settle and
there are the blue
to have a sid his mother
Marge Schatz.
Mrs. Schatz and her
husband, Earl, recently
returned

Washington, D.C., after joining families of the five other diplomats in a reunion.

RANDY CAMPBELL Universe Staff Writer The old Nunn Power Plant, which for many years supplied hydraulic power from the Provo River, was placed on the Historic Places because of its role in the development of long distance transmission of electrical power. Located in Provo Canyon, the plant was completed in 1898. Speculation of the plant was completed in 1898. Speculation of electrical power by frontier folk was freely made because it was unbelievable to them that an alternating current could travel 186,000 miles per second.

The electrical power's destination was the mining community of Mecur. This transmission was the largest in terms of voltage and longest in distance travelled in the United States to that date. The success of the Nunn plant demonstrated that larger voltages of power could be transmitted over a longer distances. Electrical power sup-

The power plant was named after Lucian L. Nunn, a leader in the development of elec-trical power in Utah.

Nunn was born on a farm in Ohio. After attending a private school he studied law at the universities of Leibzig and Goettingen in Germany and at Harvard in the United States. In addition to a successful law practice, Nunn developed a keen interest in mining.

The Nunn Plant was

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# New group therapy to help Y students

By MARA CALLISTER Universe Staff Writer

Universe Staff Writer
After seven years of
research, a BYU
professor has developed
a new form of group
therapy centered around
LDS scriptures.
Burton C. Kelly,
professor of educational
psychology and
originator of program, will pilot the
first group this month,
in cooperation with
BYUs student counseling services.

ing services.

In the program, which is free to all BYU students, participants will spend eight weeks discussing and applying such concepts as self esteem, love and meditation in their lives.

teem, love and meditation in their lives.

Innovative counseling

"This is an inmovative type of group counseling, never attempted anywhere before, to my knowledge, Kelly said.

"I believe the problems that students bring here can be solved the scriptures." he explained. "My idea is to create a highly structured group that can help many specific types of problems."

Asked how he prepared for this hew problems that we have come up with 472 different topics related to humans and human beavior."

The counselor, who

Confidential

The counseling service predicts they will see five to six percent of the student body this year and deal with problems and deal with problems weight, roommates and boyfriends, to depression and self-esteem. "Students attending the pilot group will not have to mention what personal problems they are working on, but all discussion is confidential," kelly said. "Sometimes students BYU standards and even that is not reported because they come here to solve hose problems."

The counseling service will begin signing up all interested students into the new program this week. Kelly said he will accept no more than 25 in the group. By the service will begin signing up all interested students into the new program this week. Kelly said he will accept no more than 25 in the group. In the sees the sead he will keep the day and time open until he sees the class schedules of those students who sign up.

#### Movies planned for Friday Night Live

"Friday Night Live" is scheduled for 6:30 p.m. to 2 a.m. tonight. The movies "Marooned" and "Singing In The Rain" will be shown in toonjunction with "Priday Night Live." "Marooned" will be shown in the Memorial Lounge at 7 p.m., 9:30

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p.m. and midnight.
"Singing In The Rain"
will be shown in 347
ELWC at 7:30 p.m., and
again at 10 p.m. and
midnight in the
Skyroom.

# Law School Open House

February 19, 7-9 p.m. Moot Court Room: 303 **JRCB** 

\* Introduction to Law School

\* Small Group Discussions with Faculty Members

\*

Building Tours

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